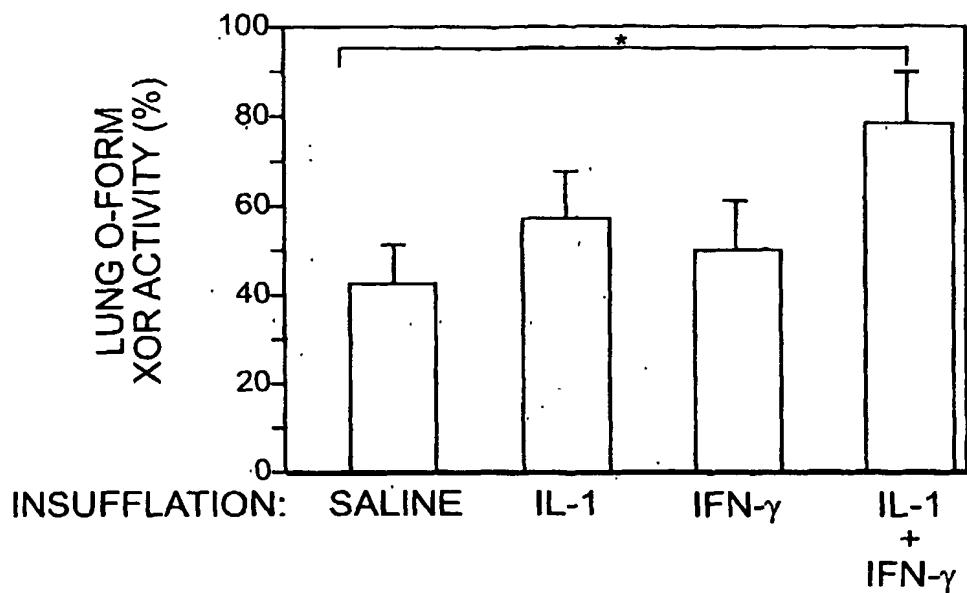
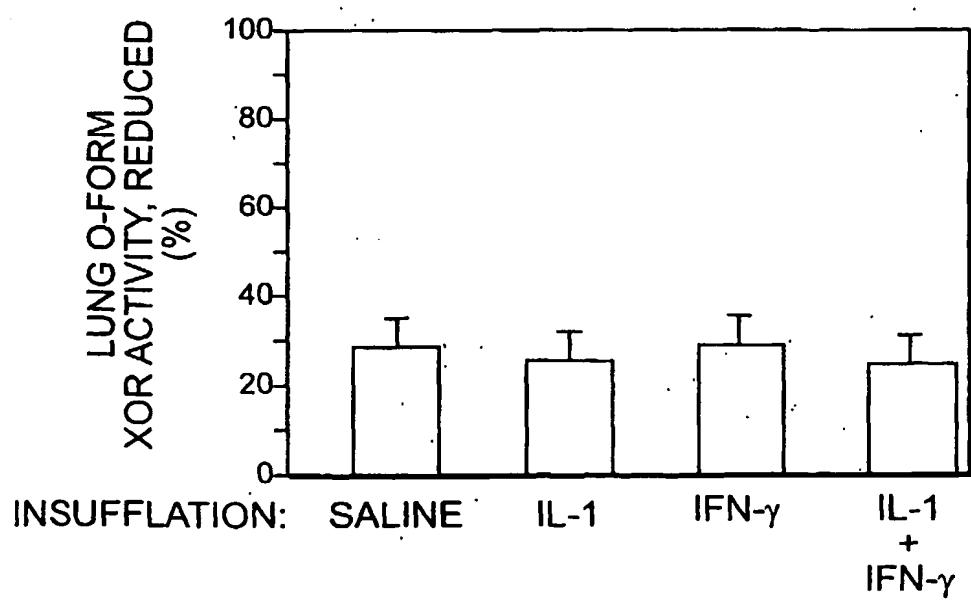


FIG. 1C

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**FIG. 1D****FIG. 1E**

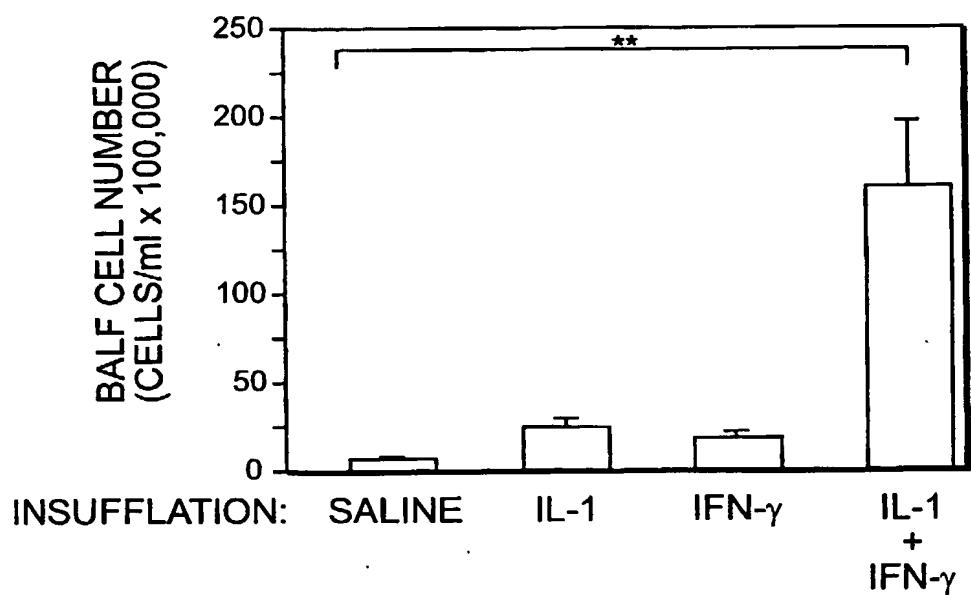


FIG.2A

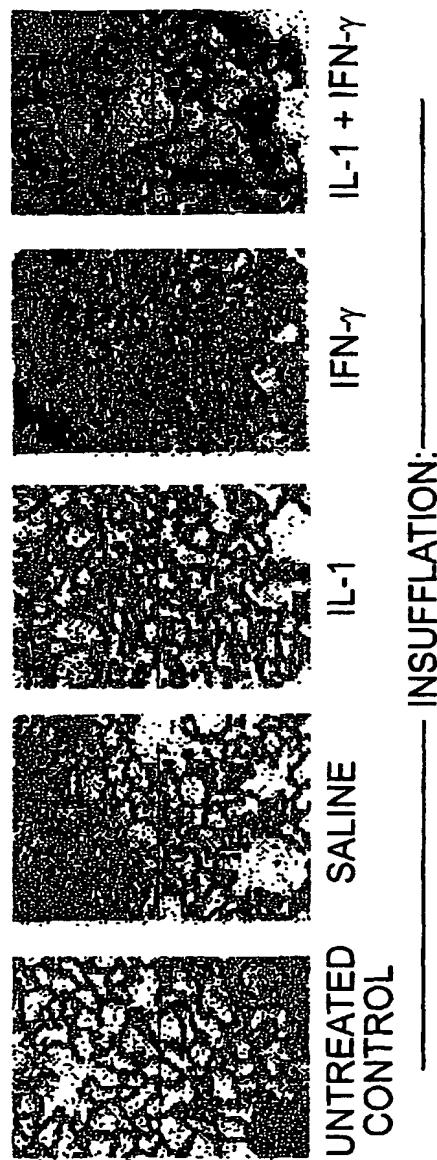


FIG. 2B

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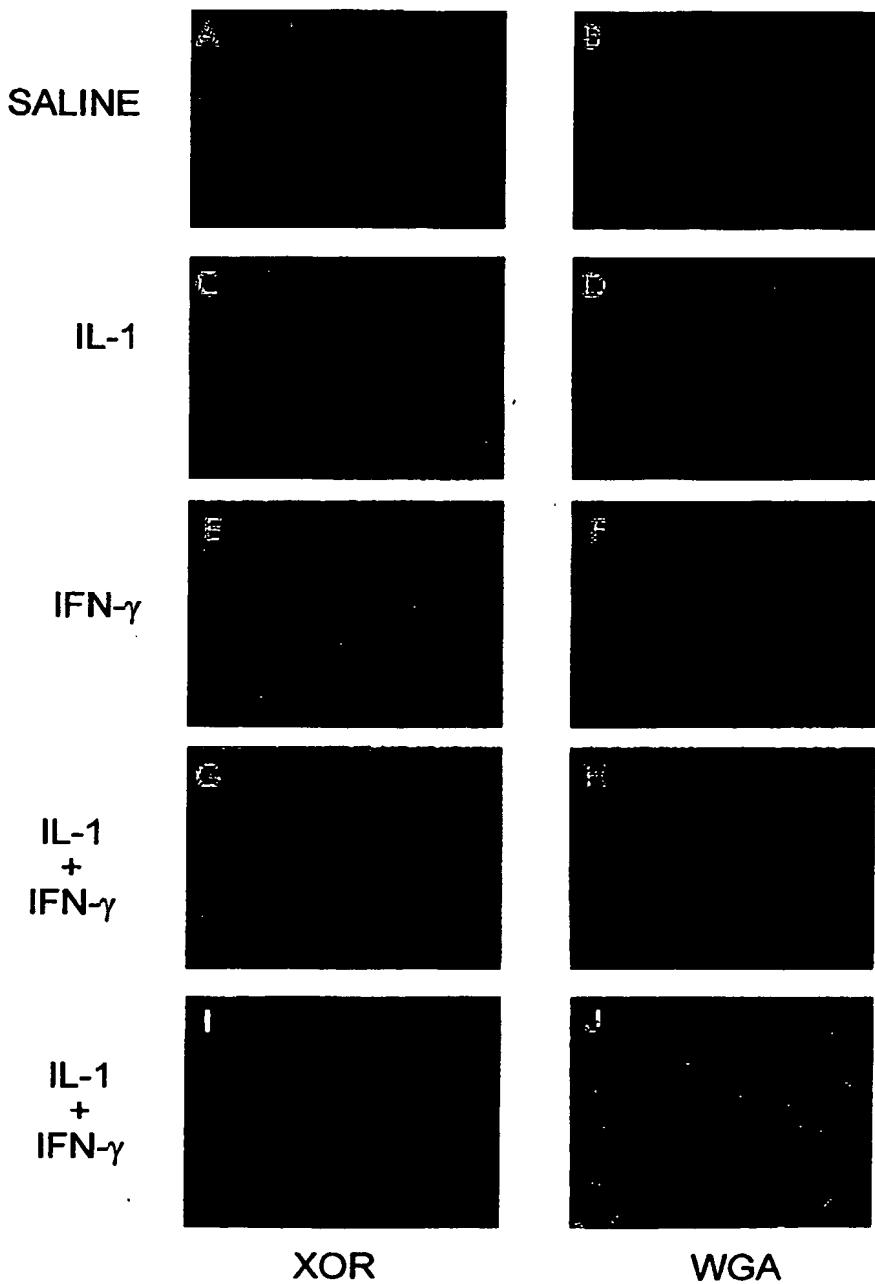


FIG. 2C

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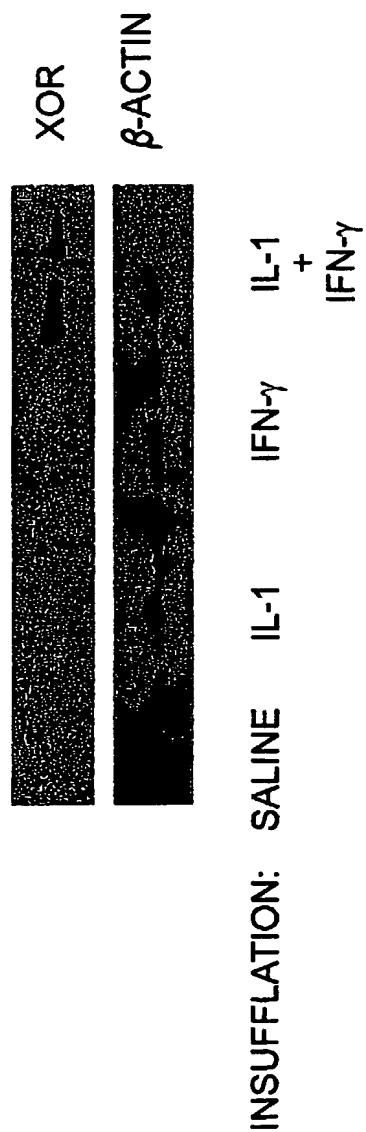
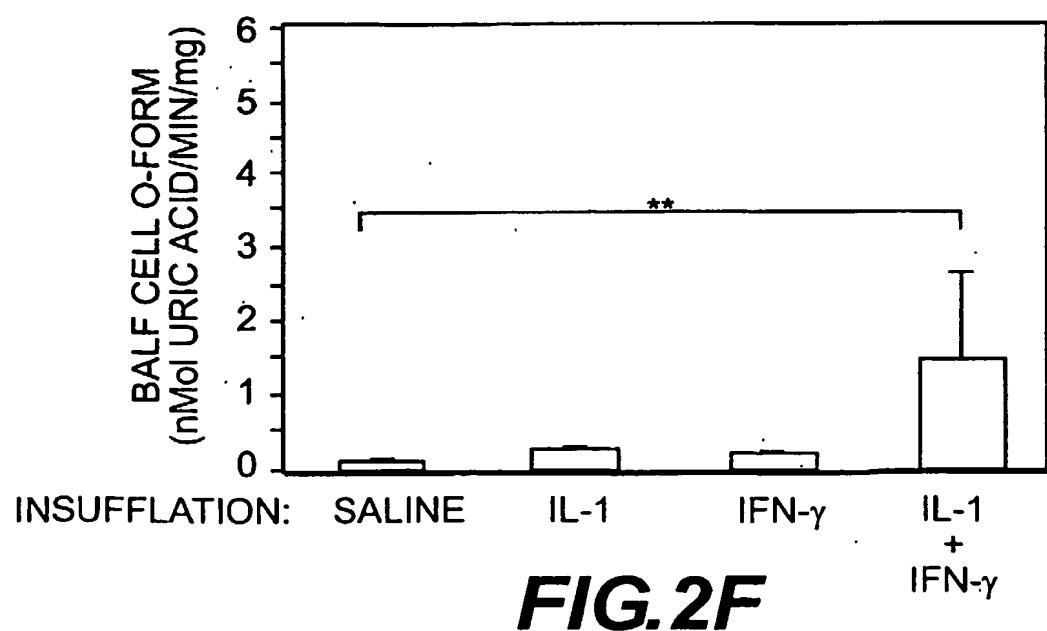
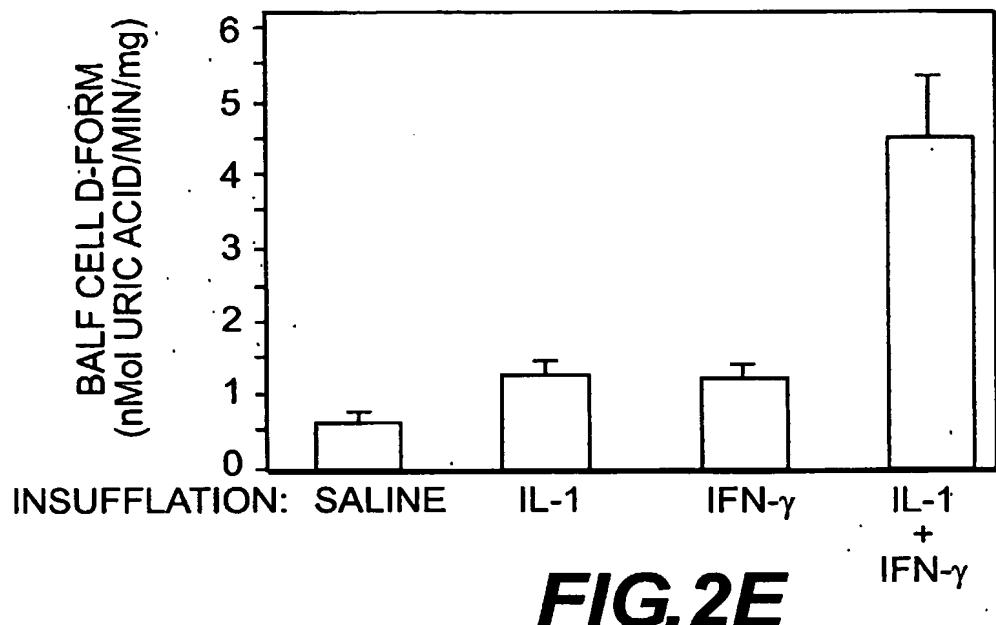
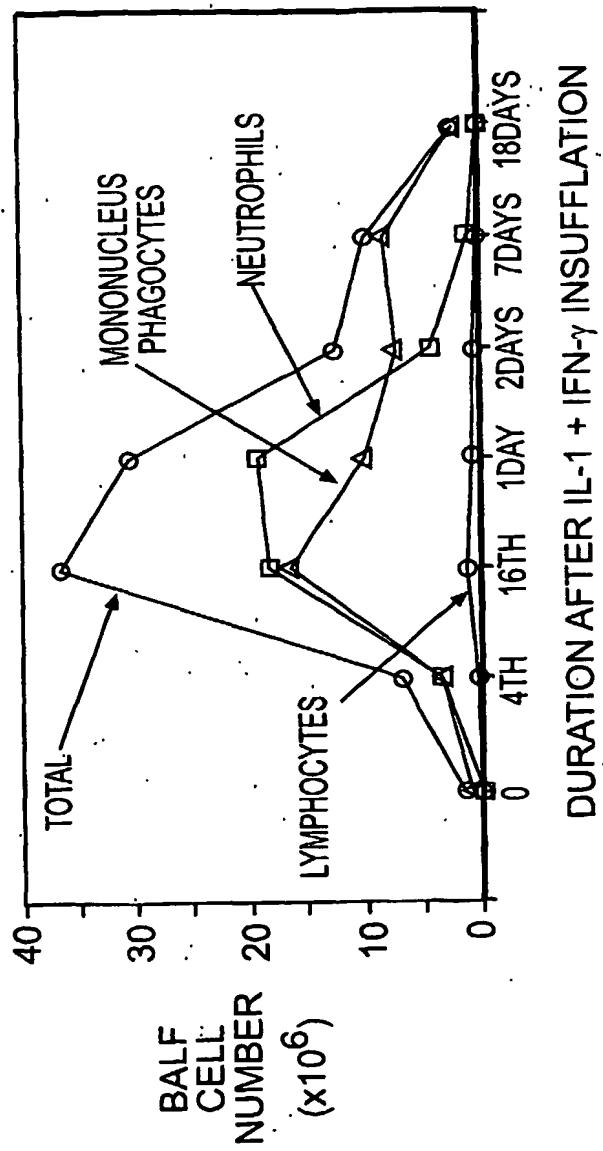
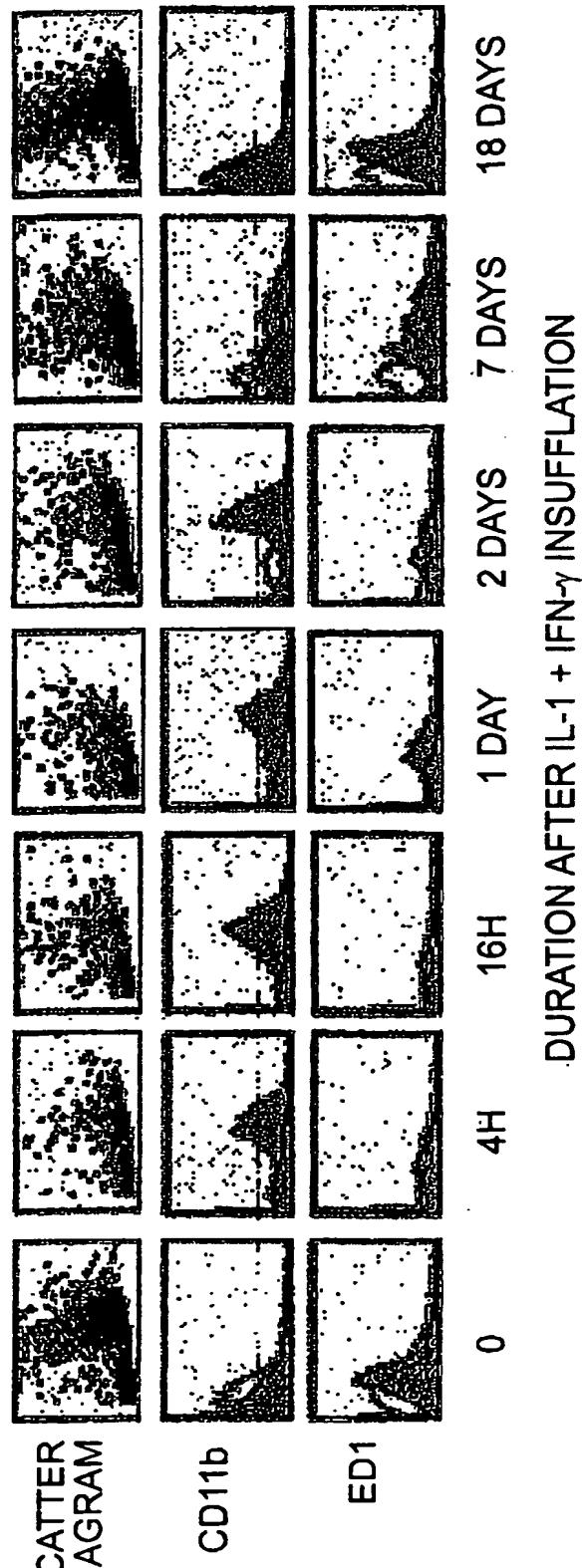


FIG. 2D

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**FIG. 3A**

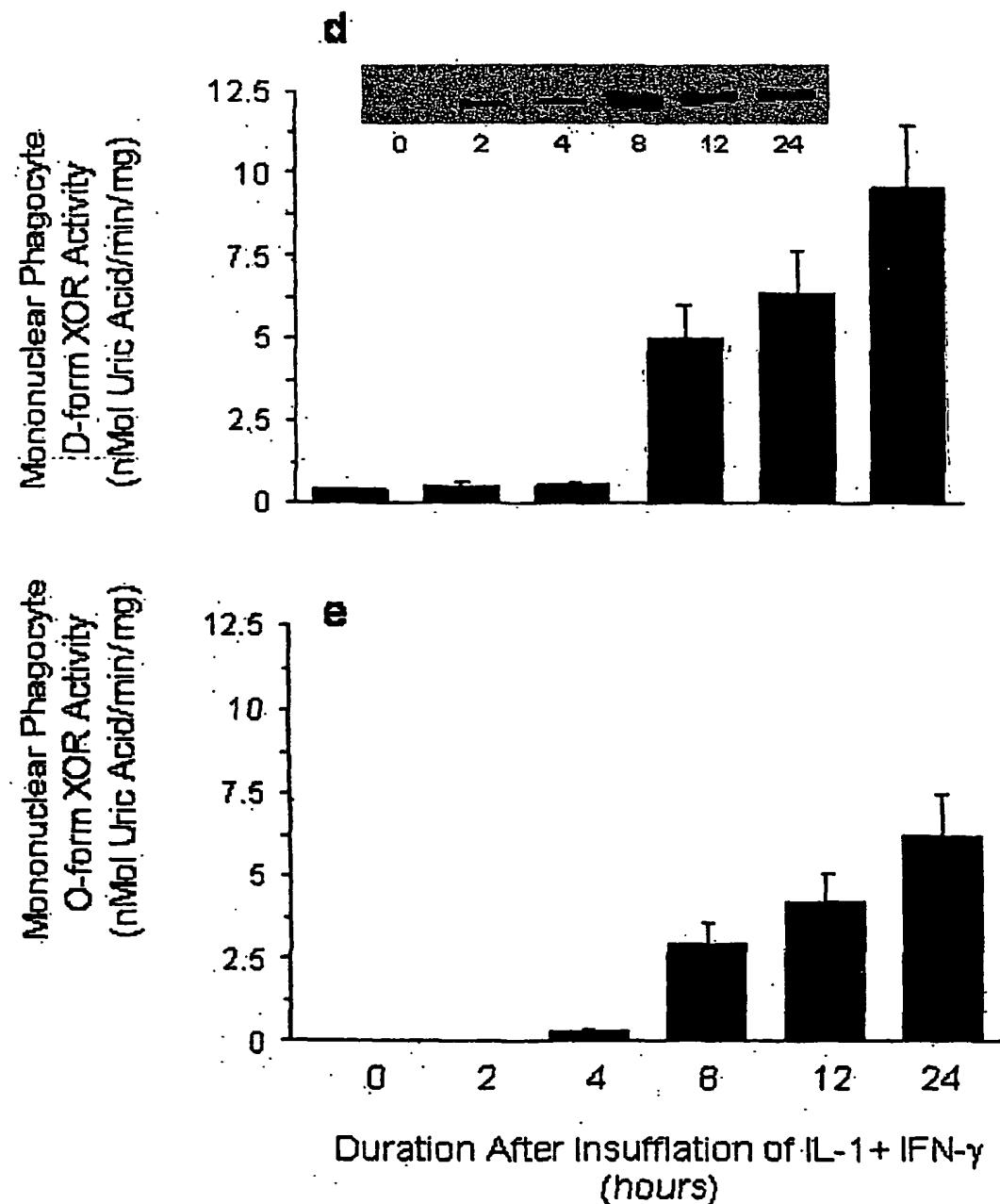
**FIG. 3B**

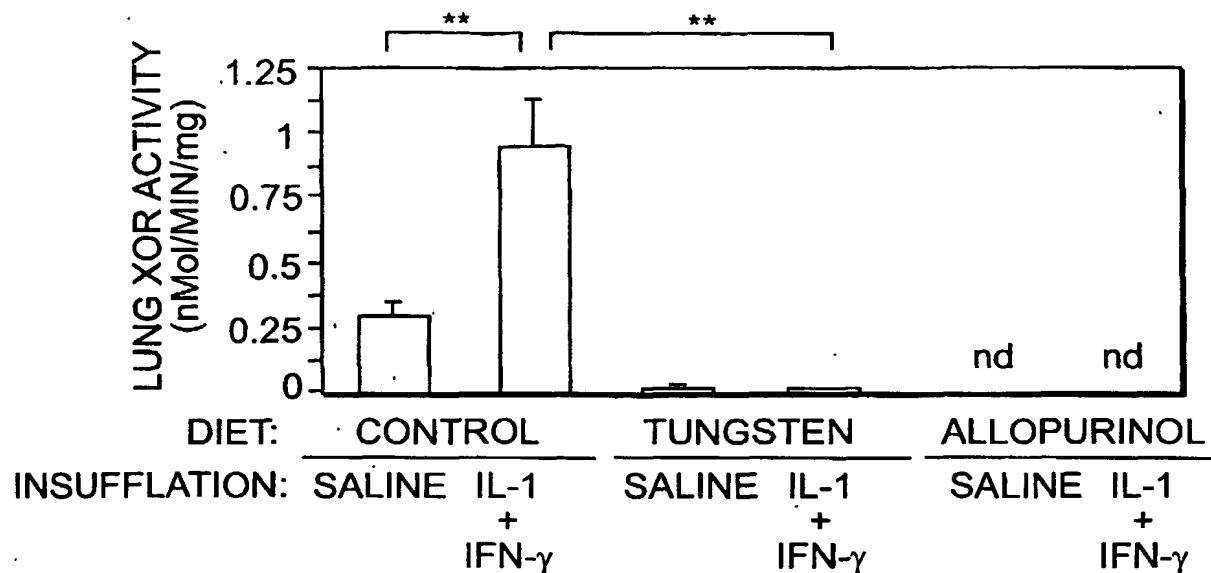
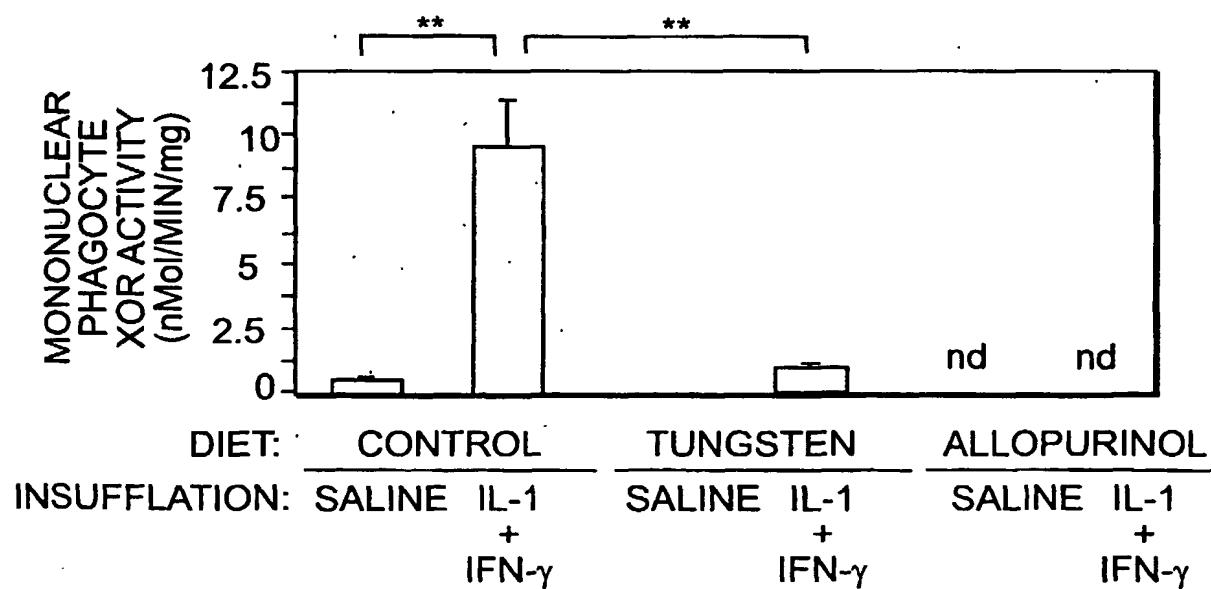
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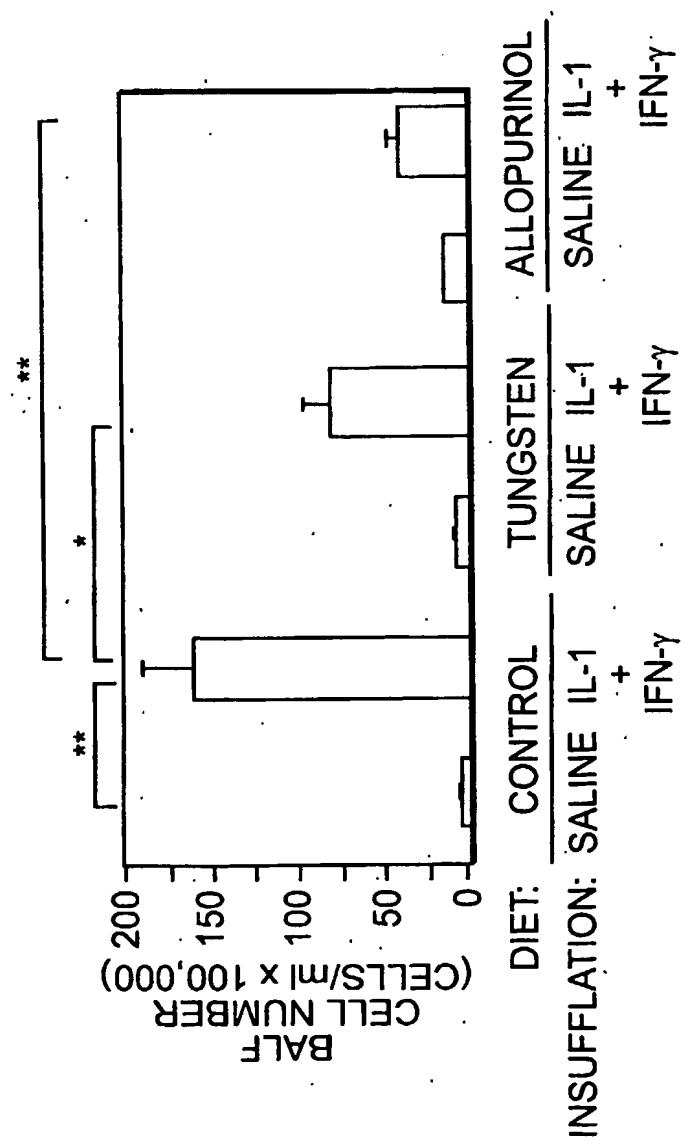


FIG. 3C

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Figure 3d, 3e

**FIG. 4A****FIG. 4B**

**FIG. 4C**

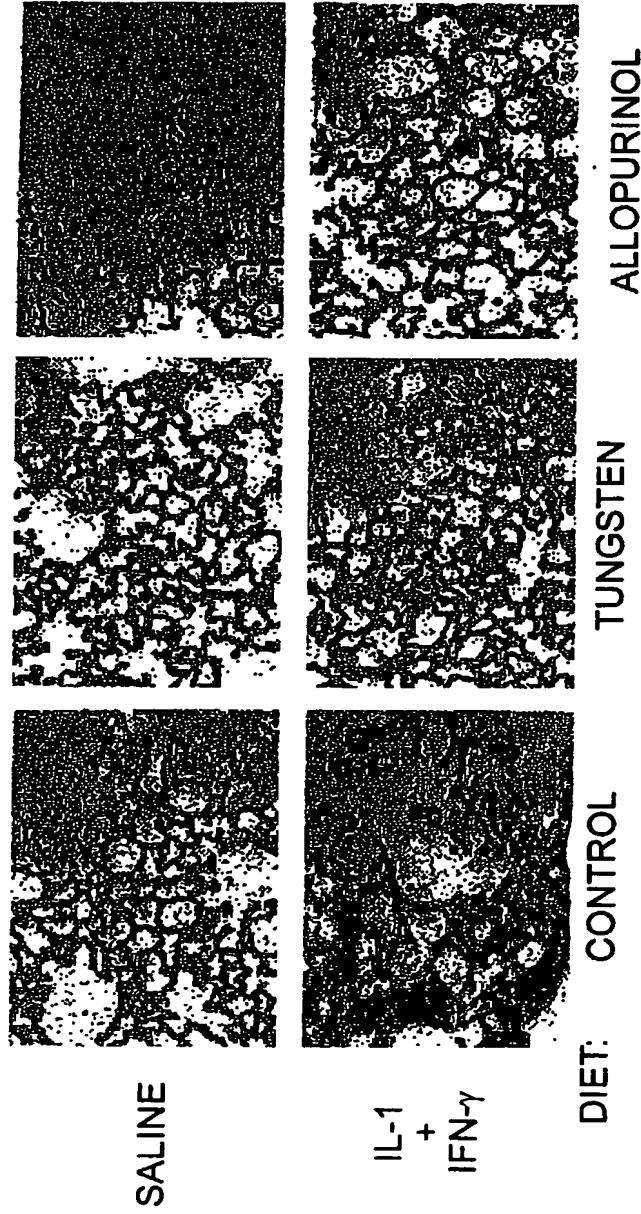
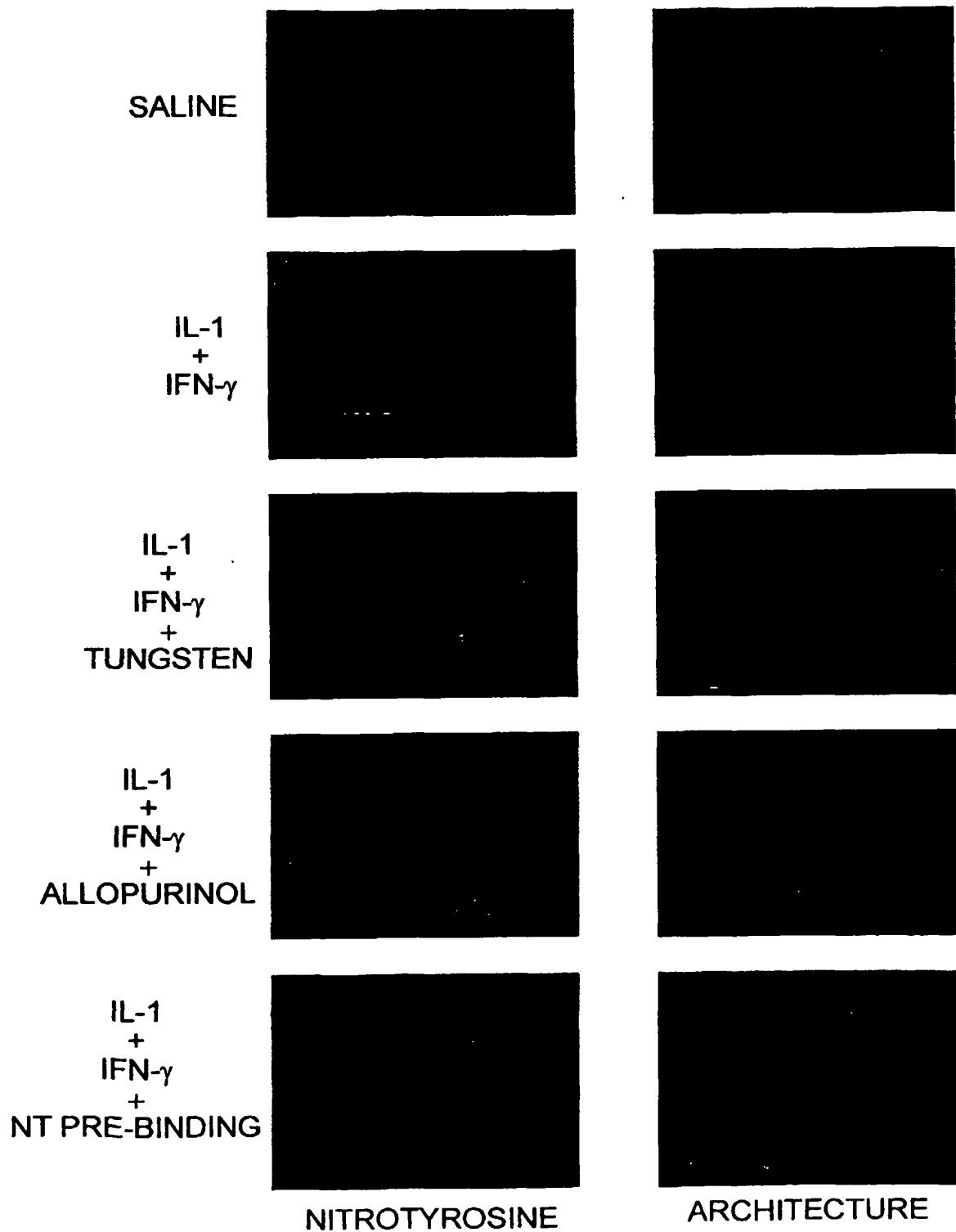


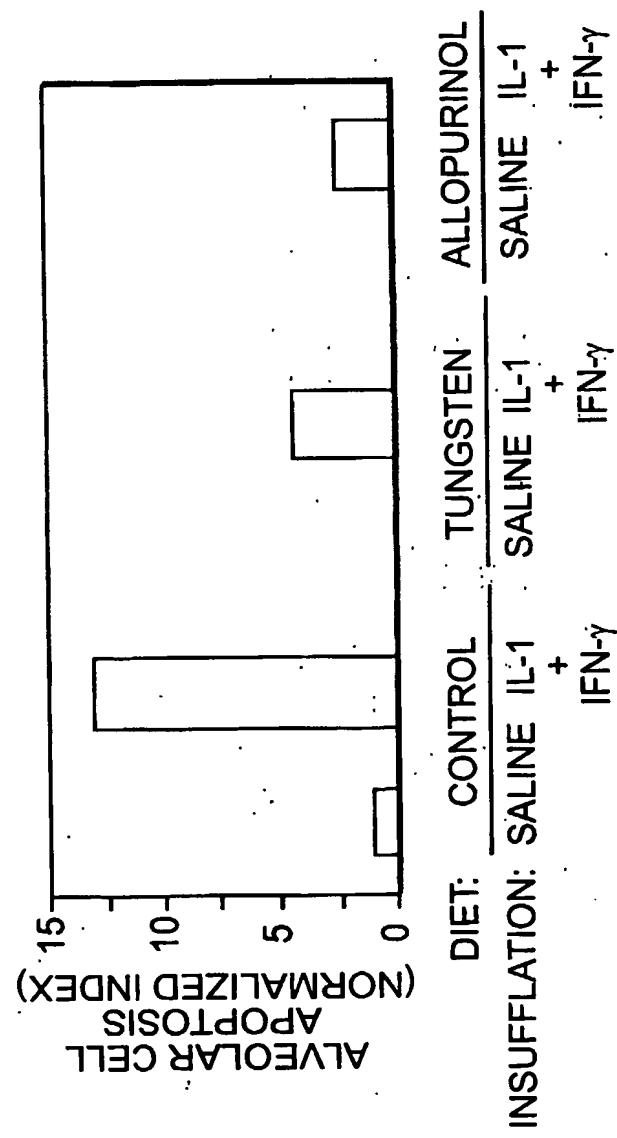
FIG. 4D

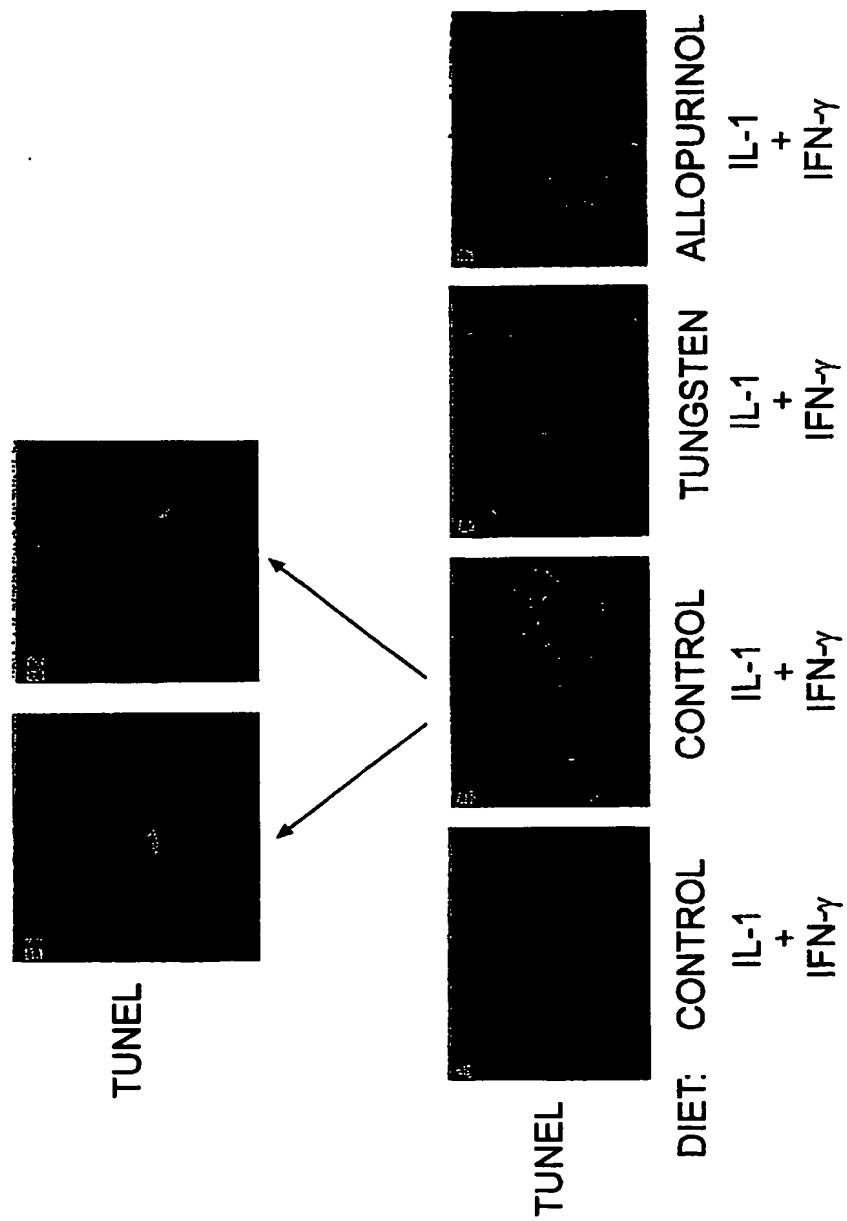
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FIG. 4E

**FIG. 4F**

**FIG. 4G**

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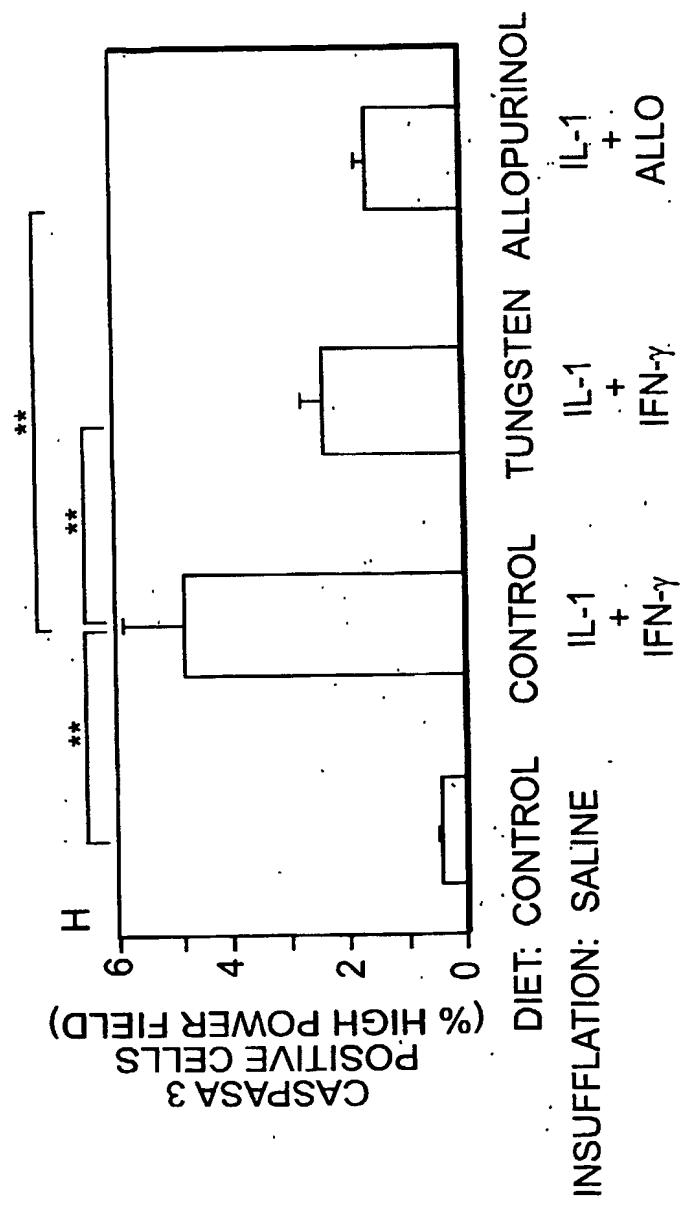
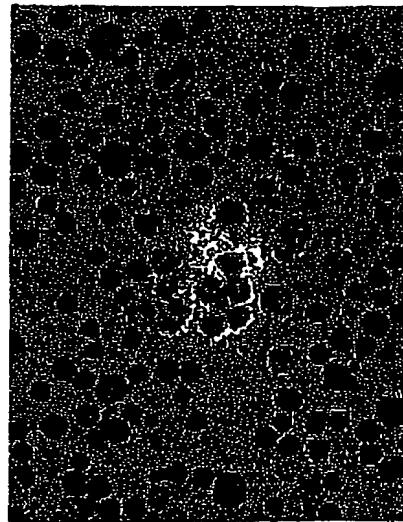
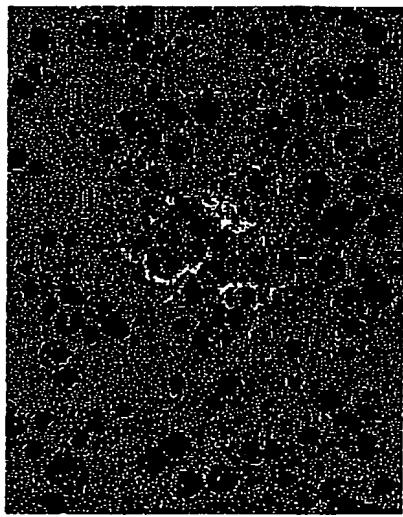


FIG. 4H



ALLOPURINOL
TRAINED
CELLS



UNTREATED
CELLS

FIG. 5B

FIG. 5A

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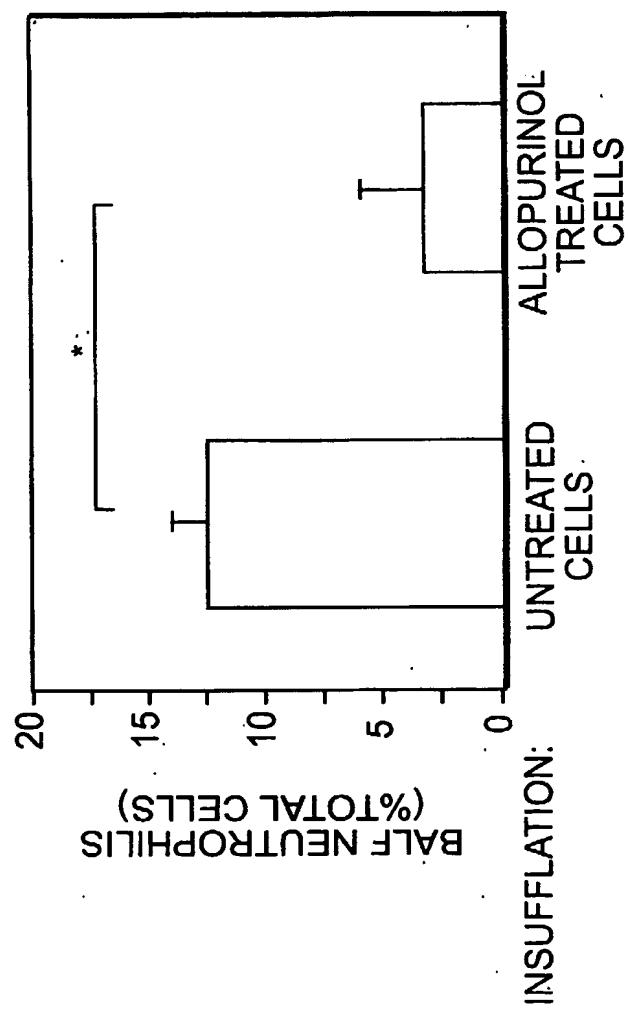


FIG. 5C

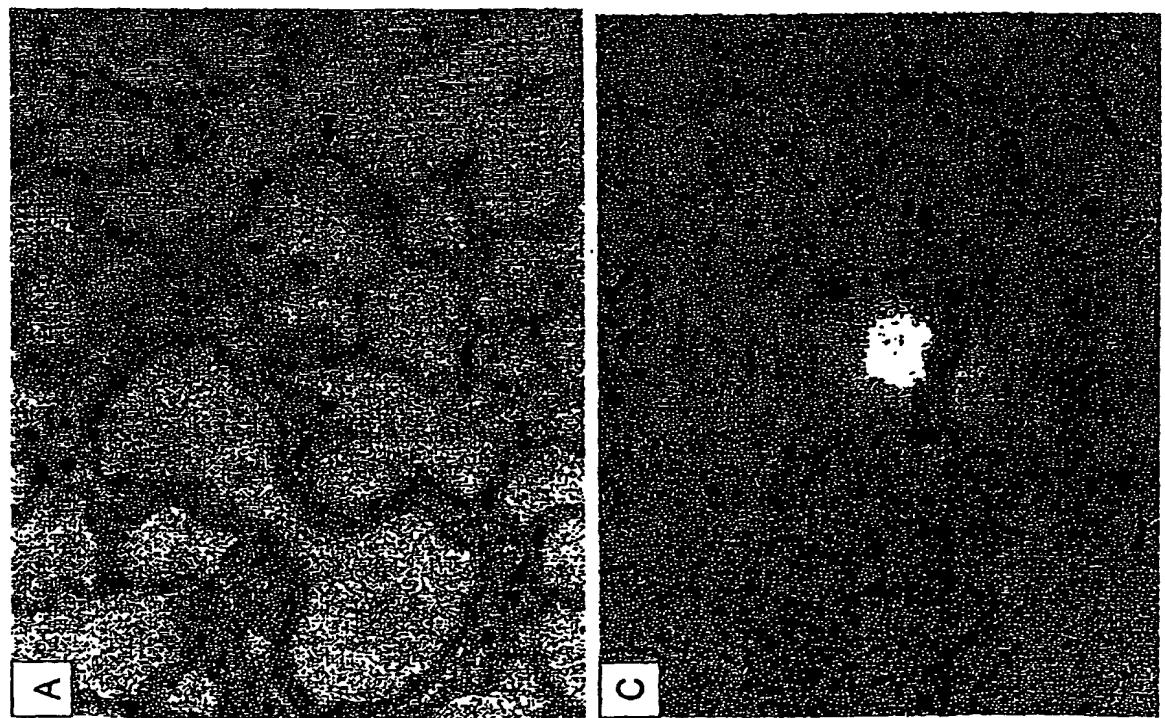
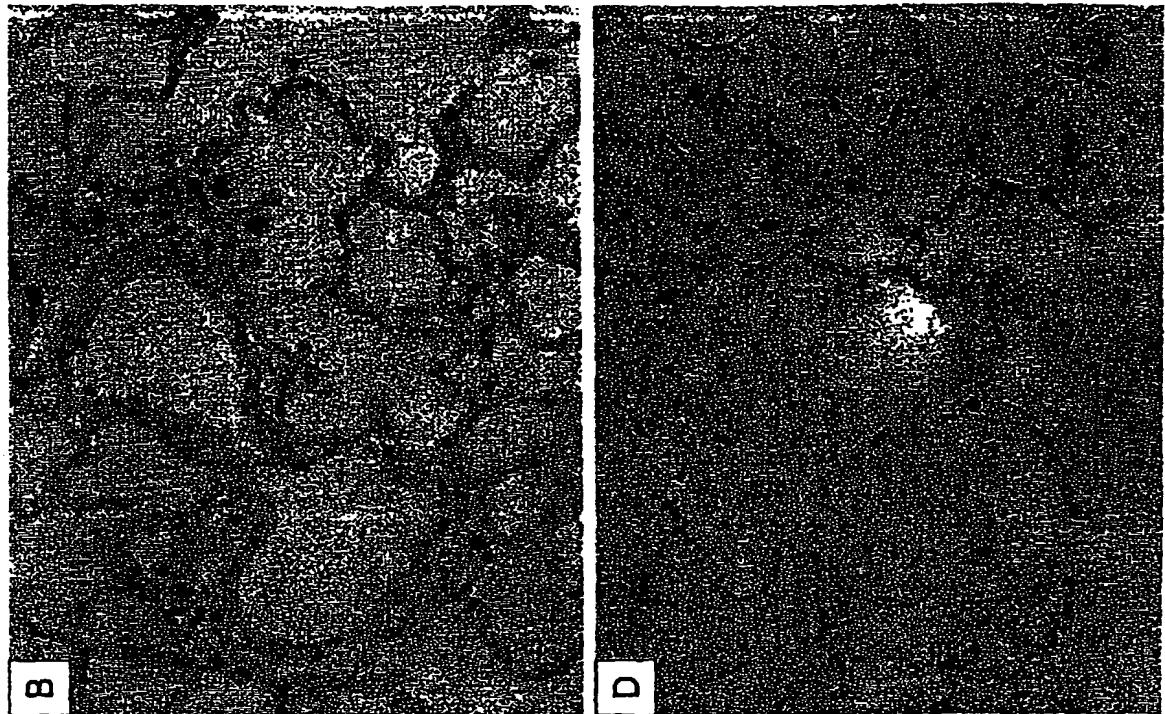


FIG. 6

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